BOND ESTIMATE

STATE OF UTAH
DEPARIMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
4241 State Office Building
Salt Lake City, Utah 84114

RATION

ACRES

COST/ACRE

CUBIC YARDS

COST/CY

TOTAL

- A. Removal of structures and equipment
- 1. Electrical equipment
- 2. Major mobile equipment
- Major stationary equipment
- 4. Service mill and office facilities
- Removal of trash and extraneous debris
- Waste rock and waste disposal sites, tailings and sediment ponds. Diversions and areas of critical grade.
- Earthwork to final grade

SEE CONTRACTOR BIL

- 2. Topsoil replacement
- a. Procurement (if necessary)
- h. Respreading
- Stabilization
- a. Reseeding
- h. Fertilization
- c. Mulching
- d. Irrigation
- D. Safety
- Erection of portal coverings and fences
- Plugging of boreholes and exploratory openings
- 3. Removal of hazardous materials
- 4. Elimination of highwalls.

SEE CONTRACTOR BID

- E. Foundation elimination and transportation corridor reclamation
- Burial and/or break-up
- 2. Removal
- F. Monitoring
- Continuing or periodic monitoring sampling and testing deemed necessary
- G. Site specific varations from aesthetic costs
- II. Contingency and contractual costs
- Inflation factor

TATOI.

SAR CONTRACTOR BID

\$ 10,000

SUPPLEMENTAL INFORMATION

Cost Estimate Forms

(Cost breakdown by: 1) Labor 2) Mobilization 3) Cubic yards [cost/cu.yd] or acre [cost/acre]. That may entail listing the breakdown of the use of different equipment)

A. Structures - Equipment

-]. Electrical
 - a. Cables
 - b. Substations
 - c. Transformers
 - d. Generators
 - e. Transmission Lines (Poles and Lines)
 - f. Switchgears
- 2. Mobile Equipment
 - a. Rubber Tired
 - b. Tractor
 - c. Track-Mounted
- 3. Stationary Equipment
 - a. Head Frames
 - b. Pumps
 - c. Tanks
 - d. Railroad Spurs
 - e. Pipelines
 - aa. oil
 - bb. gas
 - cc. water
 - f. Sewage Facilities
 - aa. septic tank (must be pumped out)
- 4. Mill. Service and Office Facilities
 - a. Buildings
 - b. Magazines
 - c. Houses (Camps, Trailers)

B. Removal of Trash and Debris

- 1. Disposal Costs
 - a. Haulage (to where)
 - b. Burial Costs

C. Regrading

- 1. Earthwork
 - a. Terracing
 - b. To Final Grade (or approximate original contour)

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- 2. Replacement of Topsoil
 - a. Respreading
 - Procurement of topsoil
- 3. Stabilization
 - a. Scarify prepare seedbed
 - b. Reseed
 - c. Fertilization
 - d. Mulching
 - e. Irrigation
- 4. Where Regrading is Needed
 - a. Waste piles
 - b. Tailing ponds
 - c. Sedimentation ponds
 - d. Areas of critical grade
 - aa. proximity to water source
 bb. erosion-prone soils

 - cc. site characteristics determined as such

D. Safety

- 1. Portal Sealing
- 2. Borehole Plugging
 - a. Exploration holes
 - b. Core
 - c. Auger
 - d. Trenches
- 3. Fences in Dangerous Areas
- 4. Removal of Explosive Materials or Hazardous Materials
- E. Diversion Structures (site specific)
 - 1. Size
 - 2. Type of rock
 - Effect on hydrologic regime
- F. Transportation Corridors (site specific)
 - Roads 1.
 - 2. Railroads
 - Air fields
 - 4. Monorails